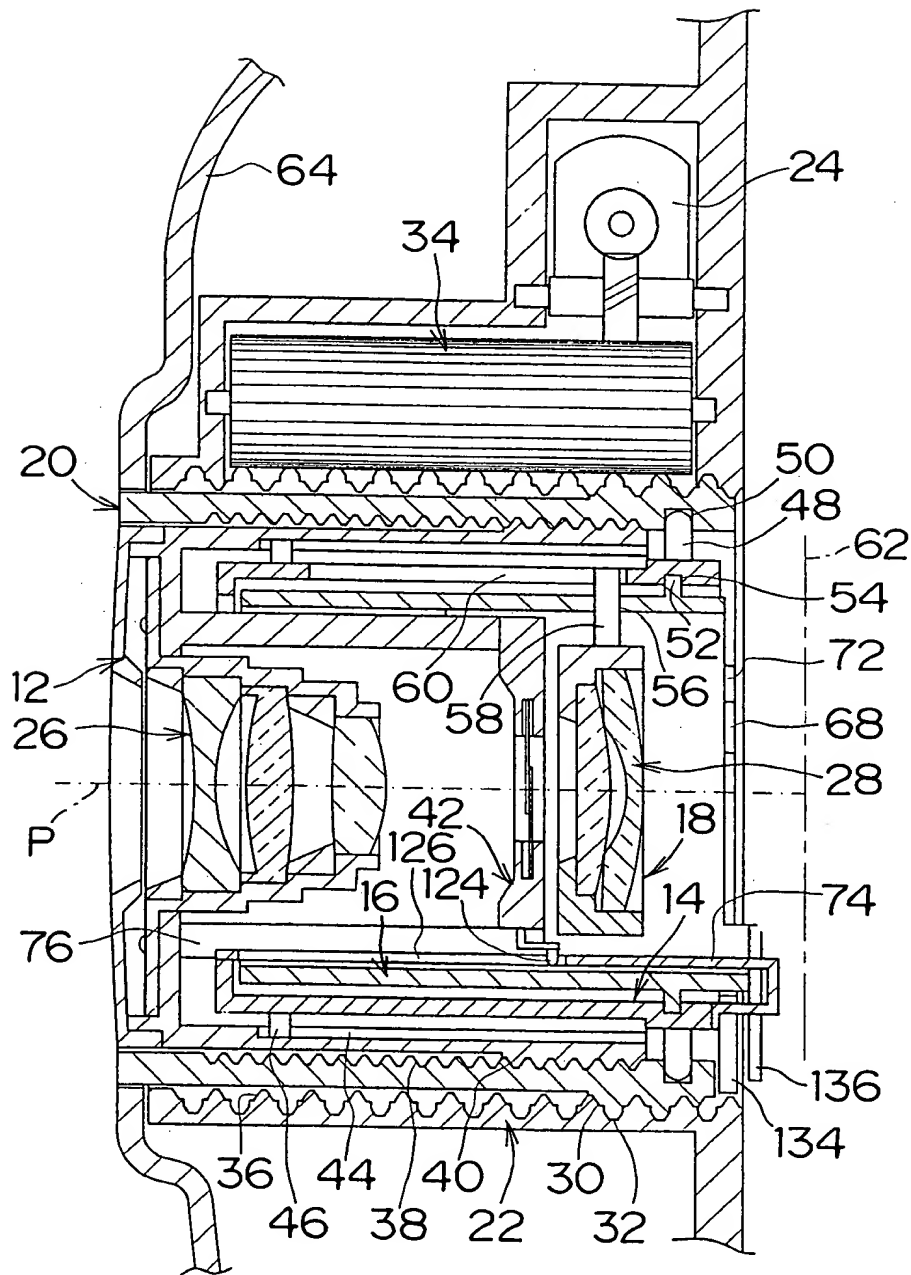


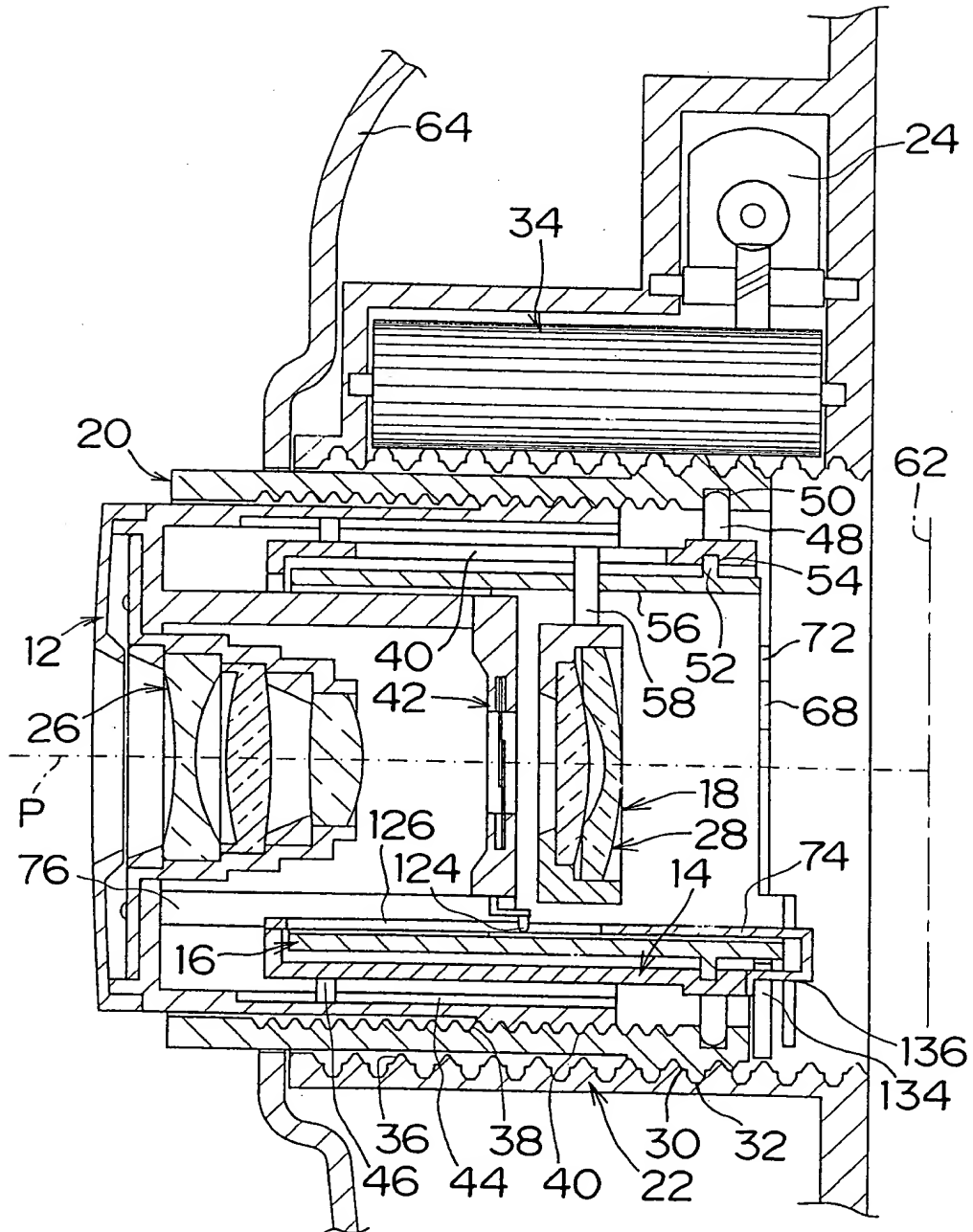
[illegible]

FIG. 2



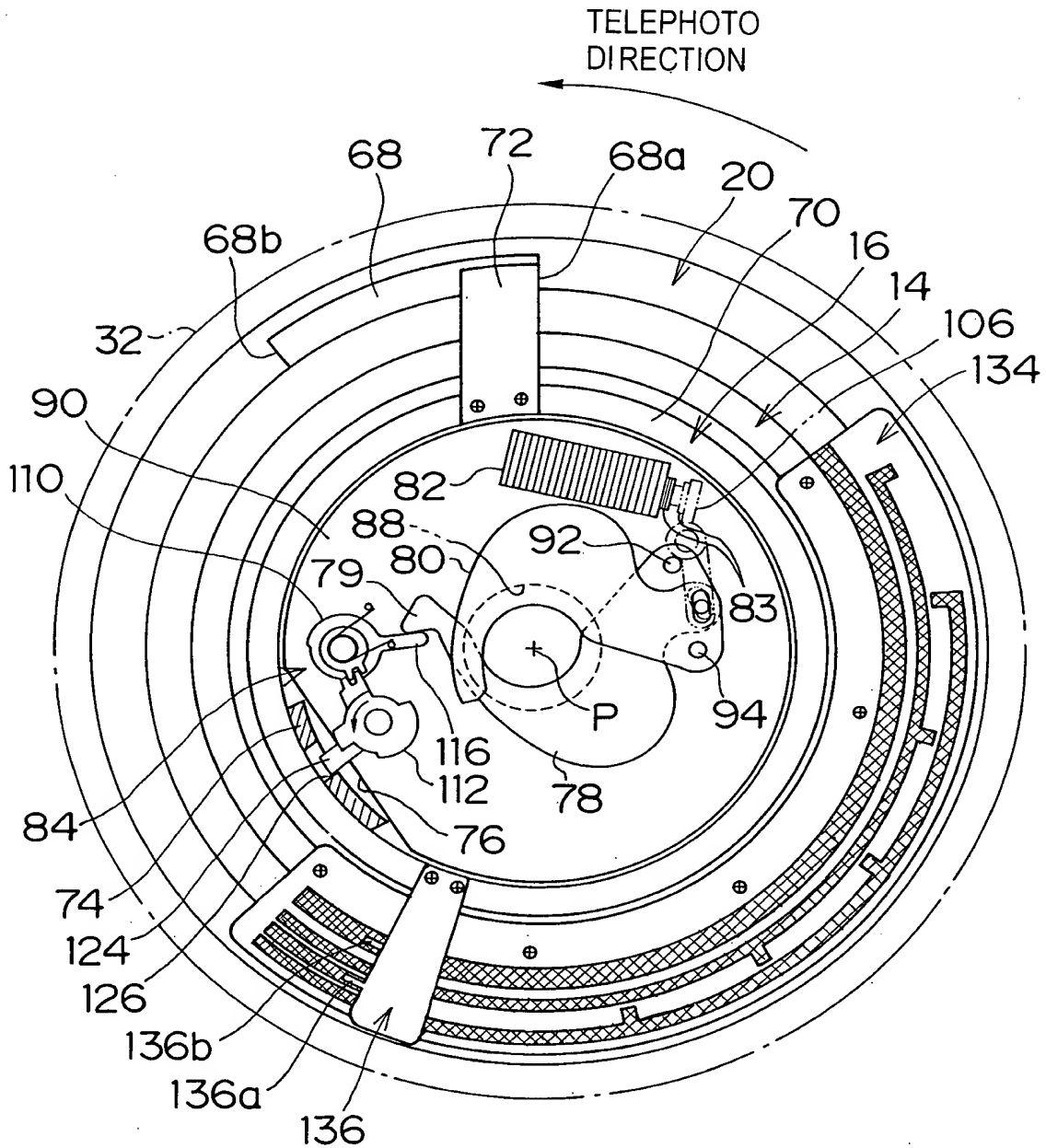
0991352 06201

F I G. 3



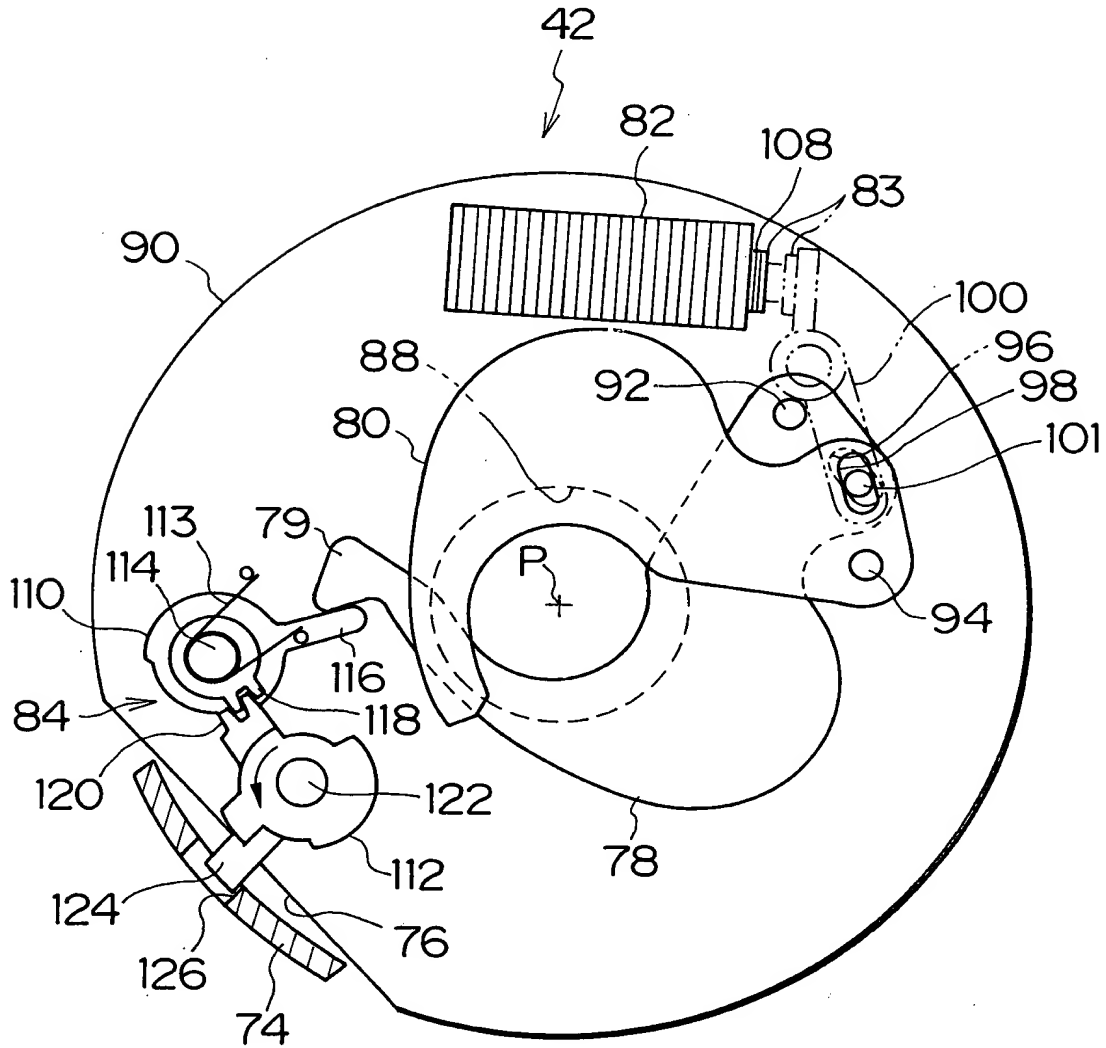
[illegible]

F I G. 5



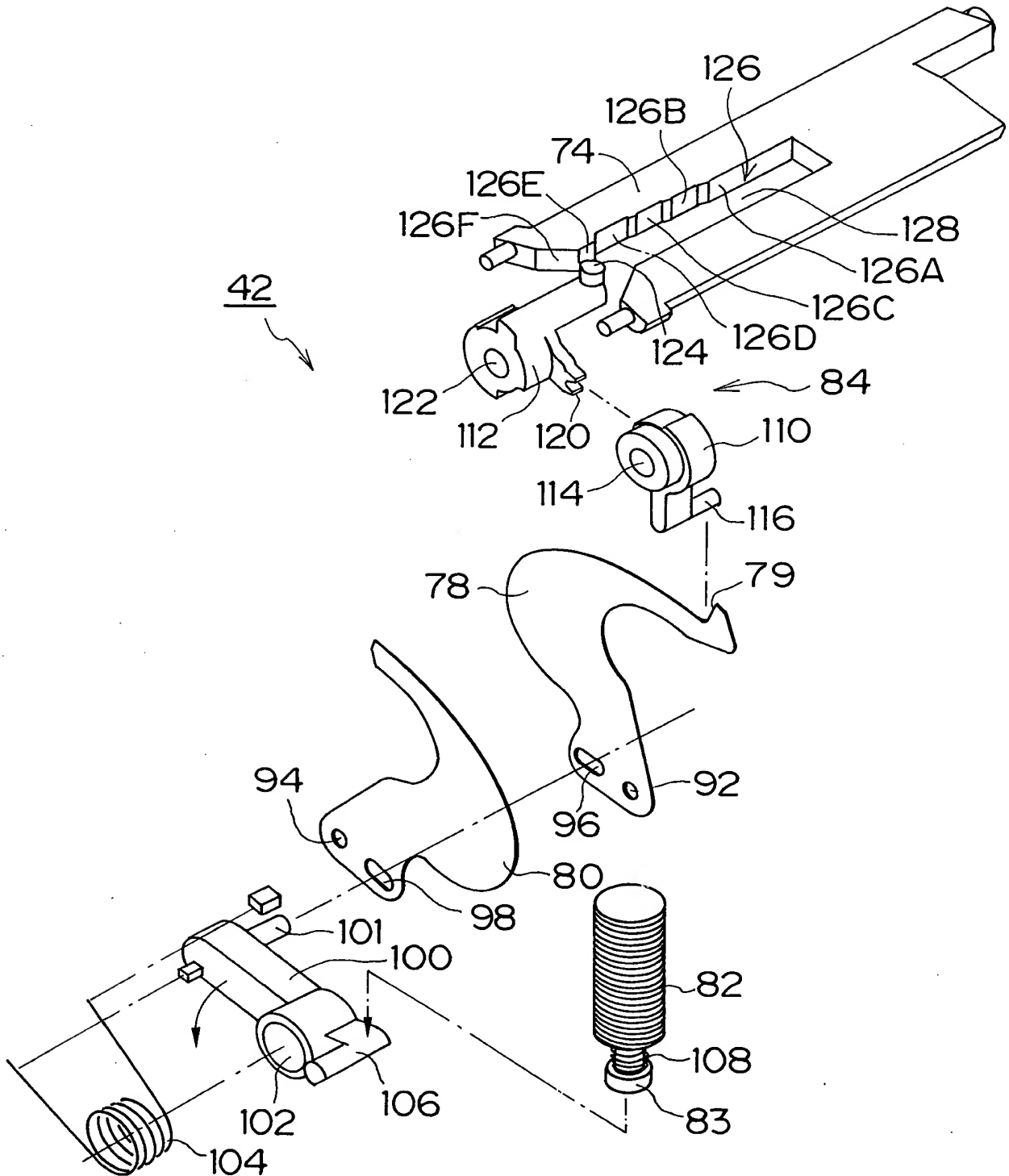
10/2290" 25ET6860

F I G . 6



09891355.06201

F I G. 7



09091352.062701

FIG. 8

(WIDE-ANGLE END)
Zoom down

(TELEPHOTO END)
Zoom Up

128
74
126
124
126A
126B
126C
126D
126E
126F

84
110
116
124
78
80

Z1
Z2
Z3
Z4
Z5
Z6

OPTICAL AXIS

(OPEN APERTURE)

This block diagram illustrates the internal components of a camera system. At the top, a series of control buttons are shown: a POWER SWITCH (170), a ZOOM CONTROL PART (159), a SHUTTER RELEASE BUTTON (172), and a MACRO BUTTON (152). These are connected to a central CONTROLLER (154). The CONTROLLER is also connected to a ROM (162) and RAM (164) memory block (166), a FOCUSING MECHANISM (168), and a PHOTOMETRY MECHANISM (166). A battery (82) provides power to the system. A shutter mechanism (S) and a motor (M) are connected to the CONTROLLER via lines 158 and 24. A signal detecting part (156) is connected to the CONTROLLER via line 150. The sensor array is represented by a curved structure with multiple layers (140, 142, 144, 146, 148) and a collapsed position (146). The sensor array is divided into segments labeled Z1, Z2, Z3, Z4, Z5, and Z6. The sensor array is connected to the CONTROLLER via lines 134, 136a, and 136b. The sensor array is also connected to the PHOTOMETRY MECHANISM (168) via line 168.

FIG. 10

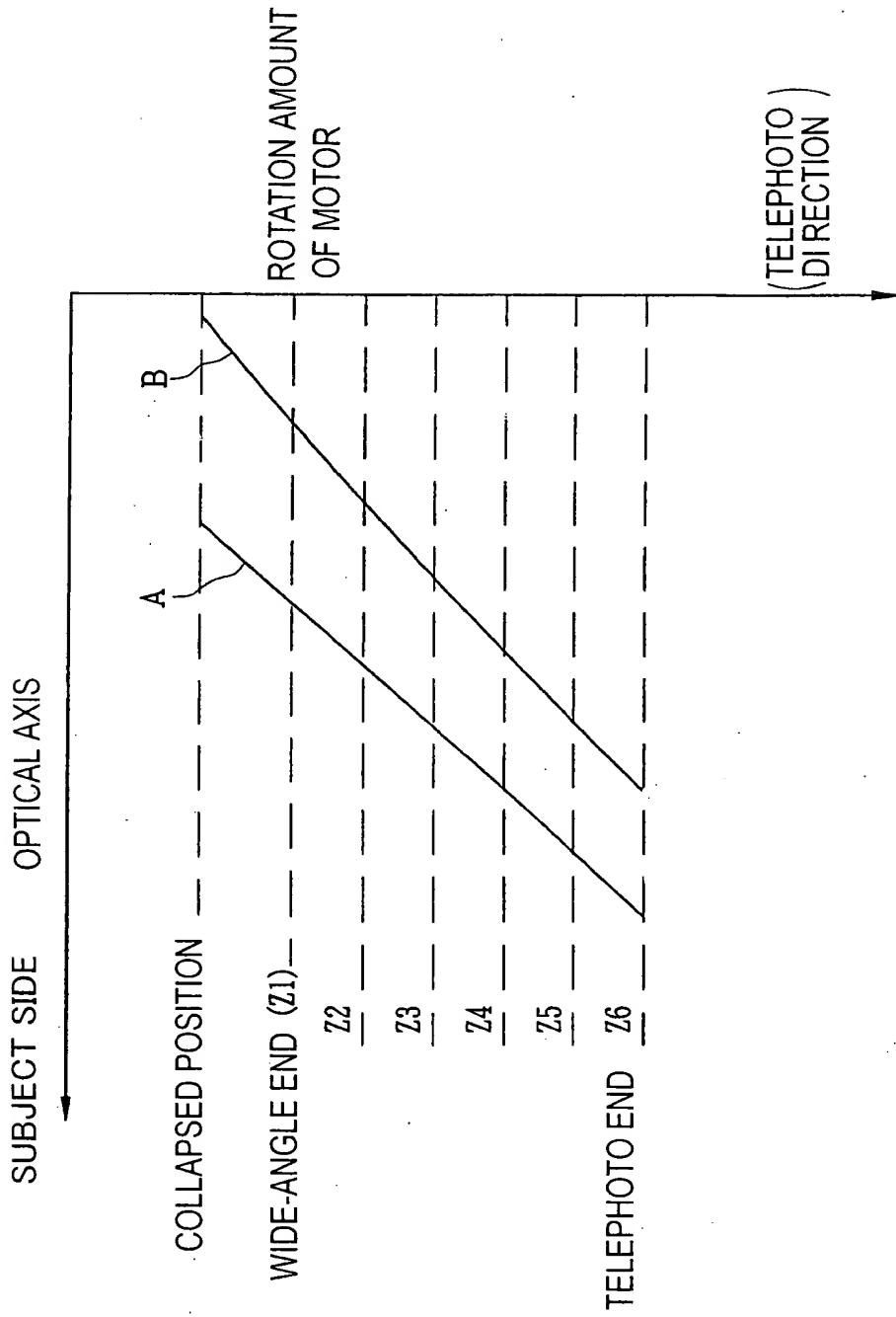
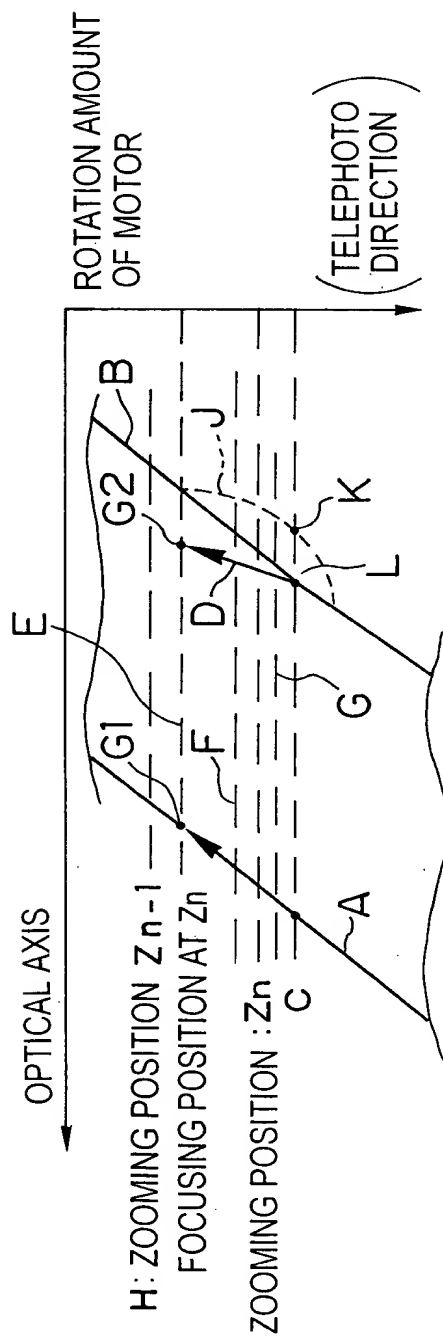
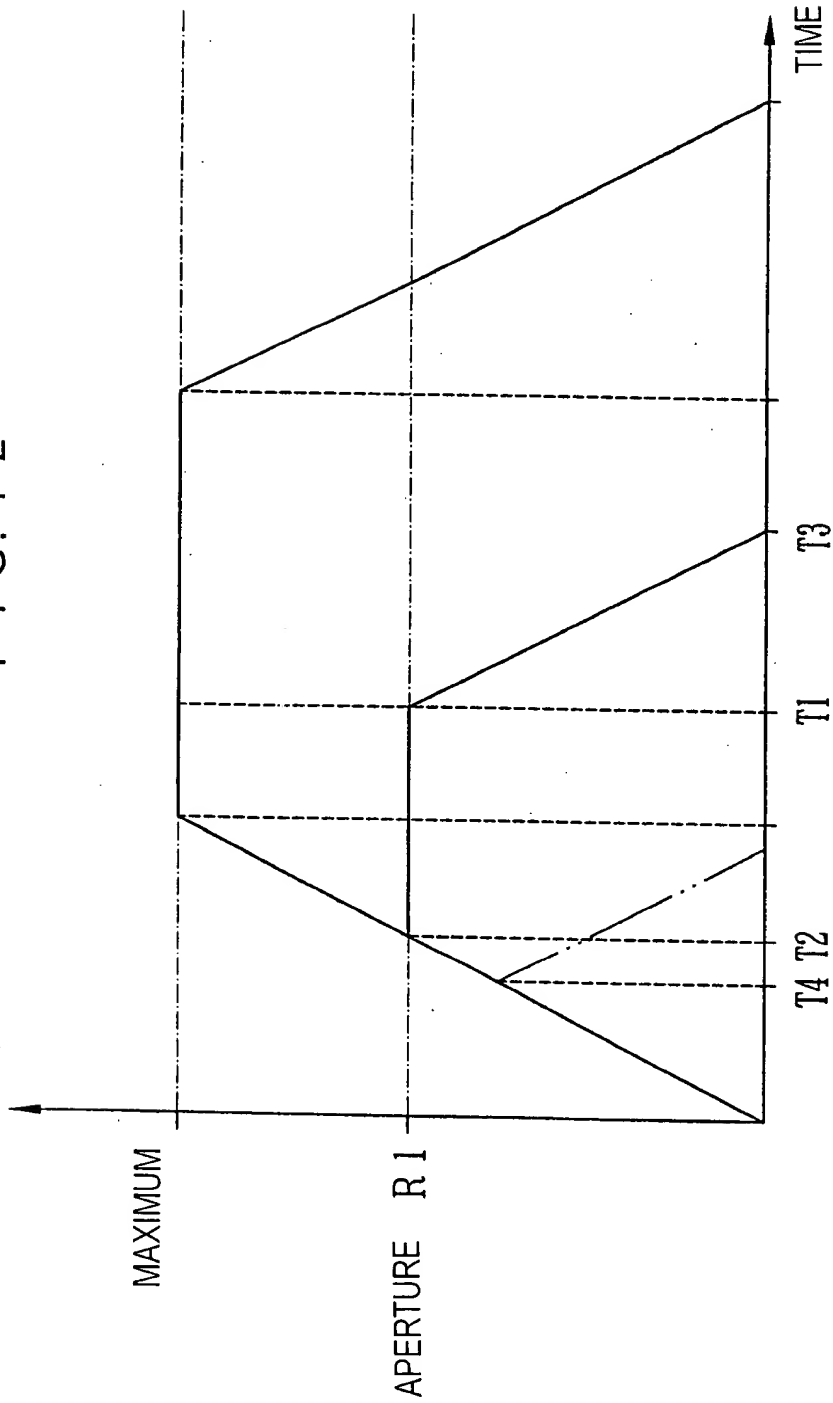


FIG. 11

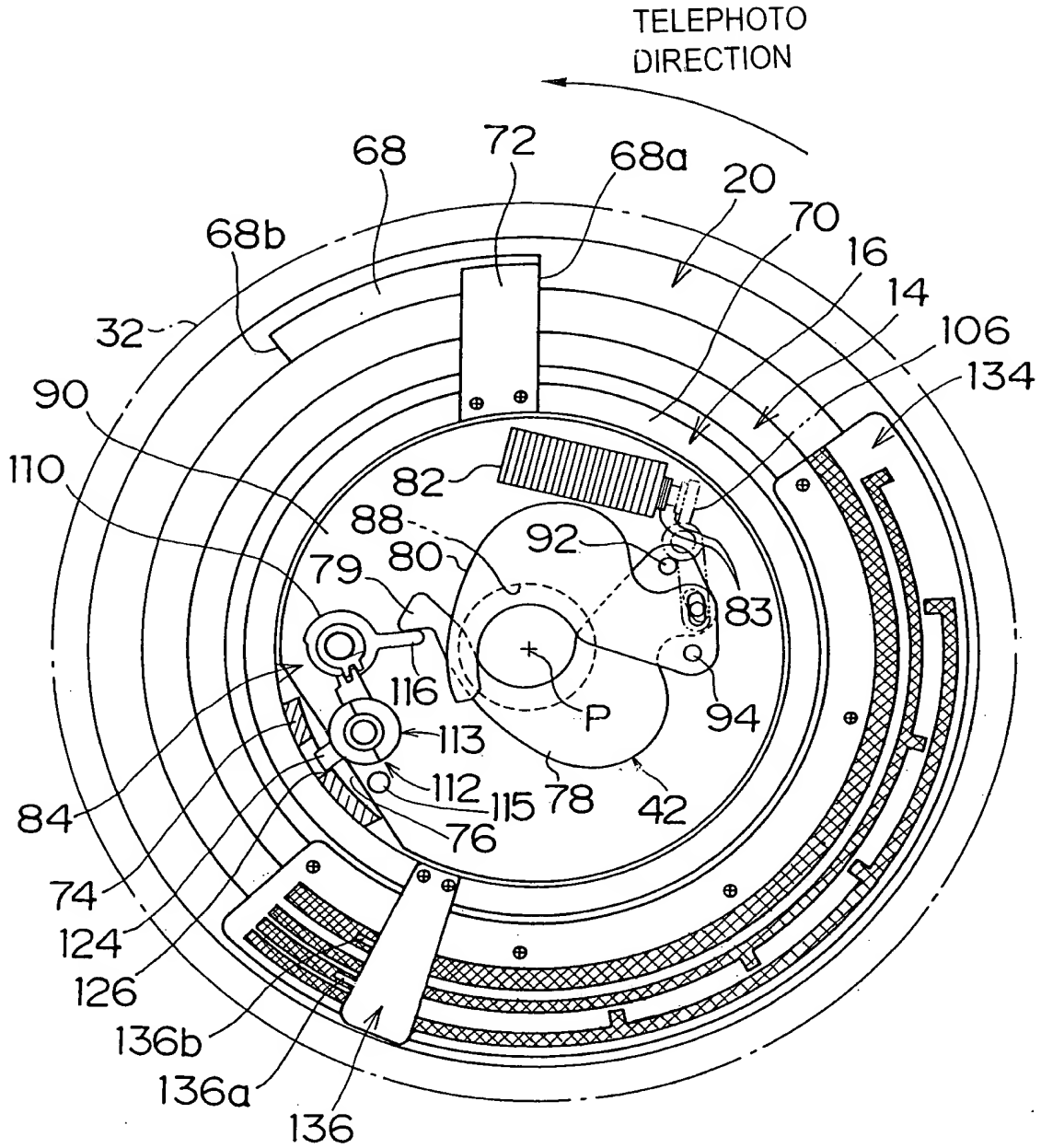


E: INFINITY FOCUSING POSITION AT Zn
F: NORMAL SHORT-DISTANCE FOCUSING POSITION AT Zn
G: MACRO SHORT-DISTANCE FOCUSING POSITION AT Zn
J: CORRECTED CURVED LINE OF LOCUS K

FIG. 12

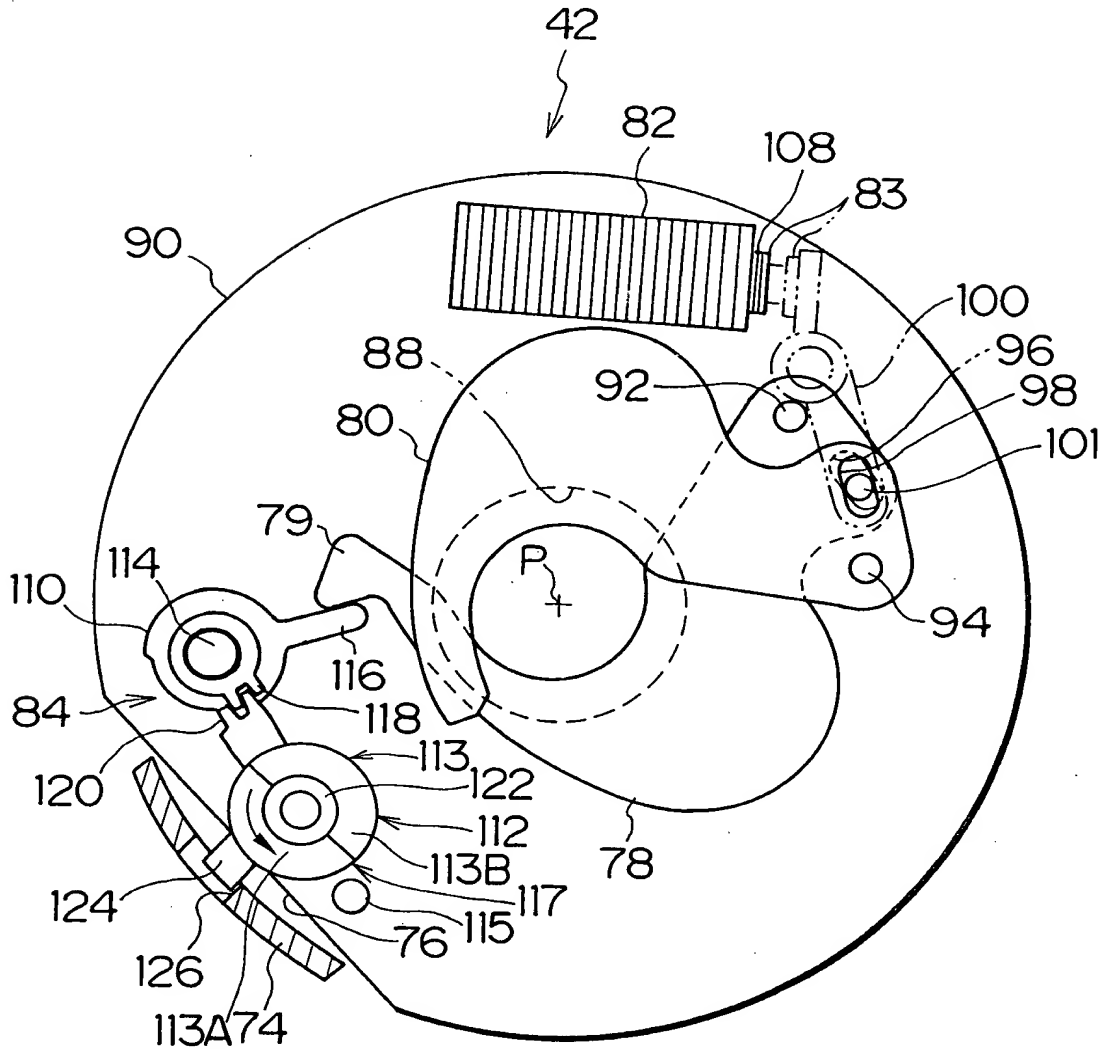


F I G. 1 3



09891355.062701

F I G. 1 4



0981352.062701

FIG. 15

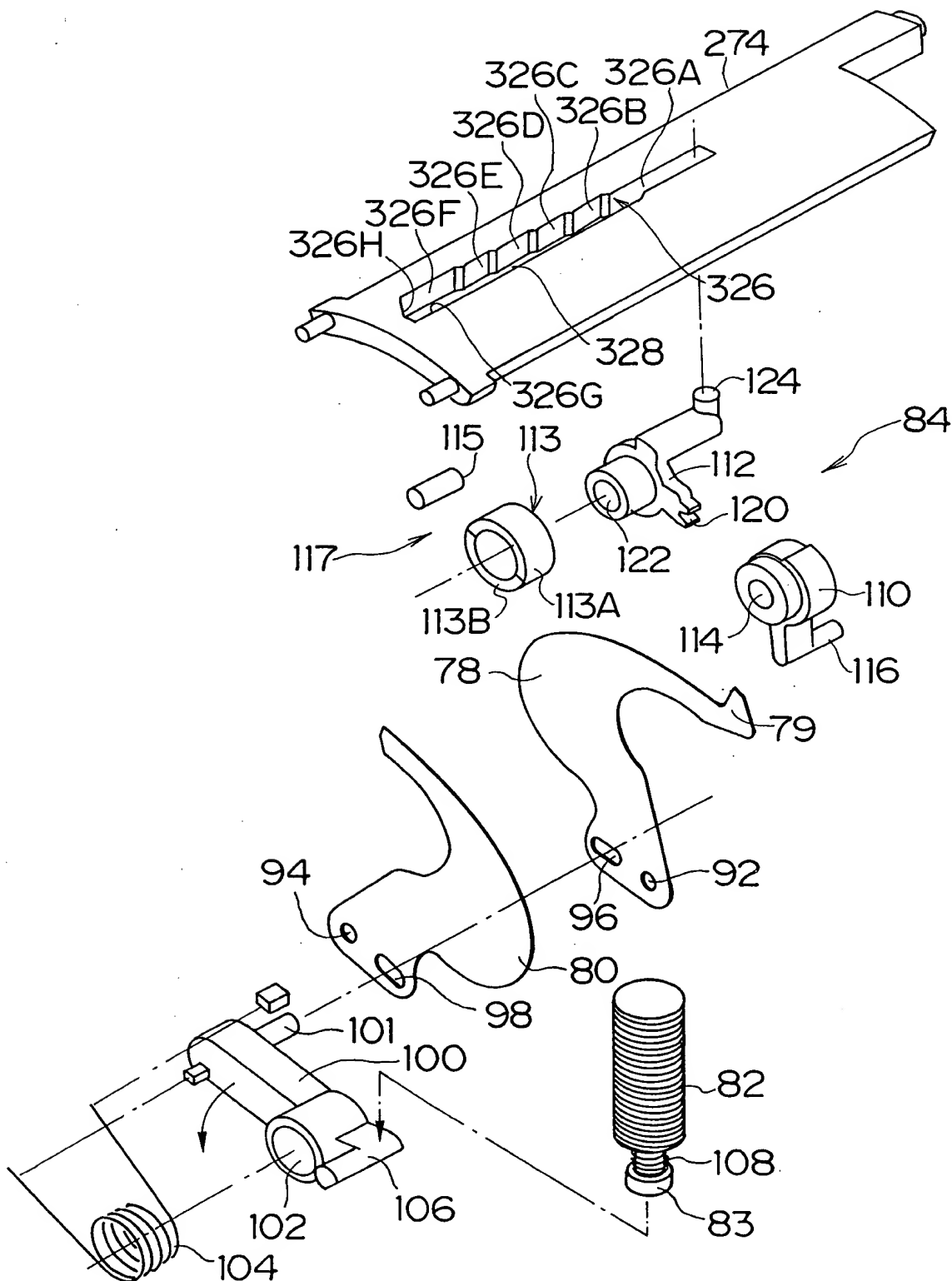
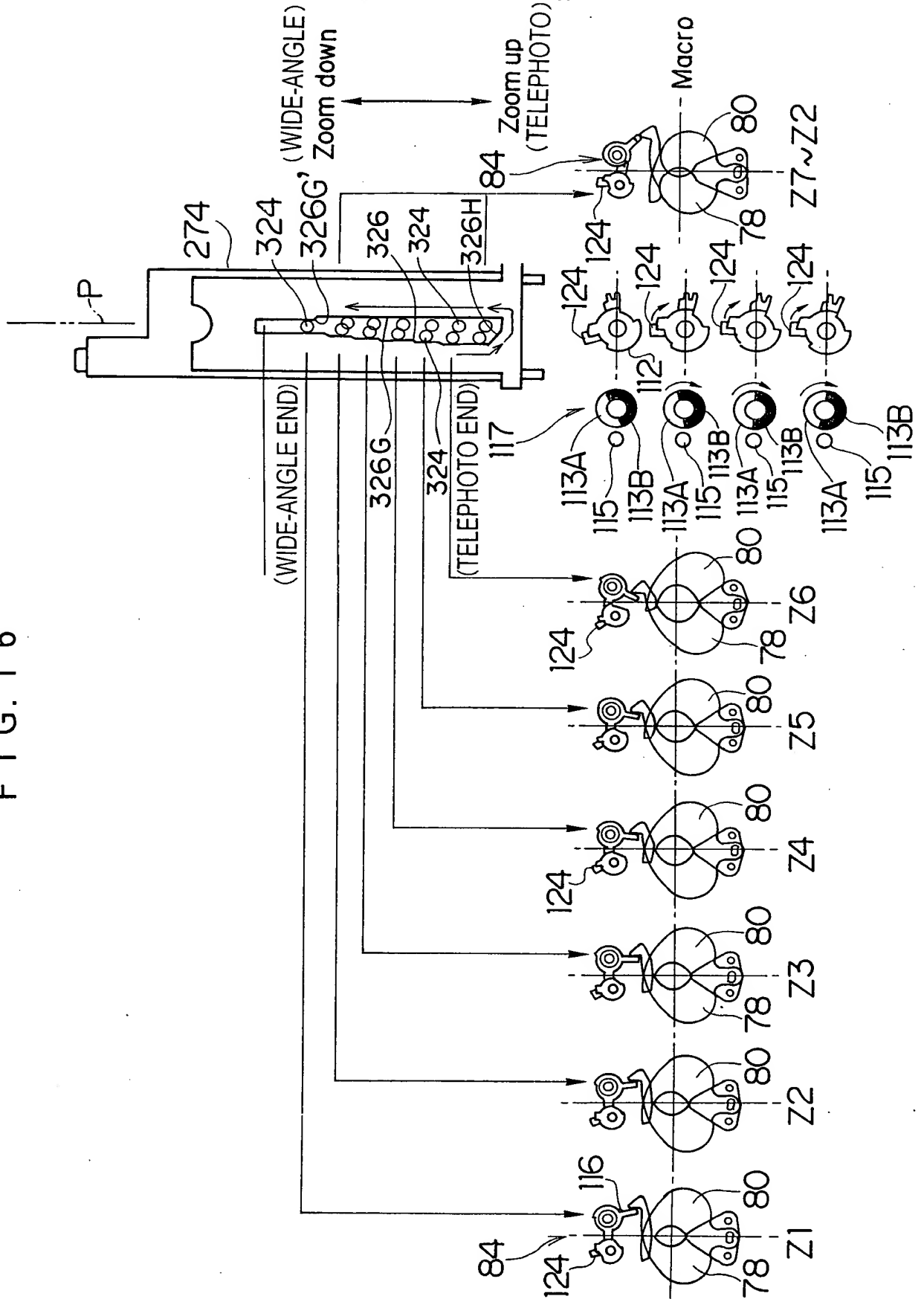
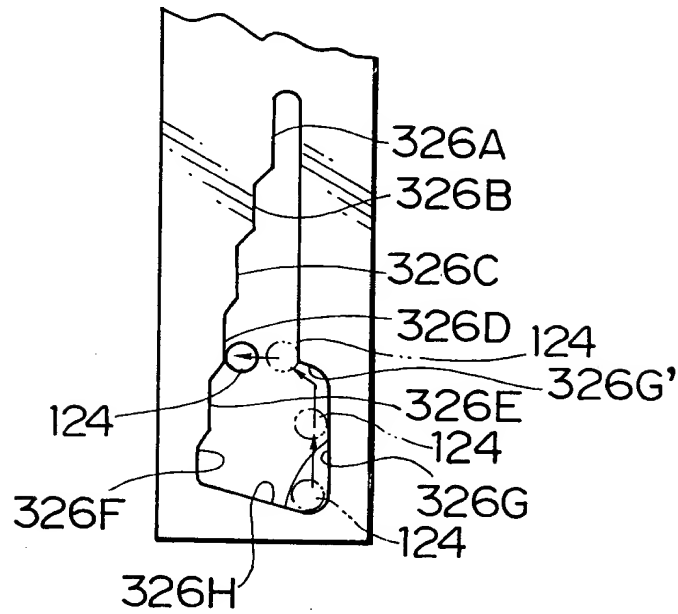


FIG. 15

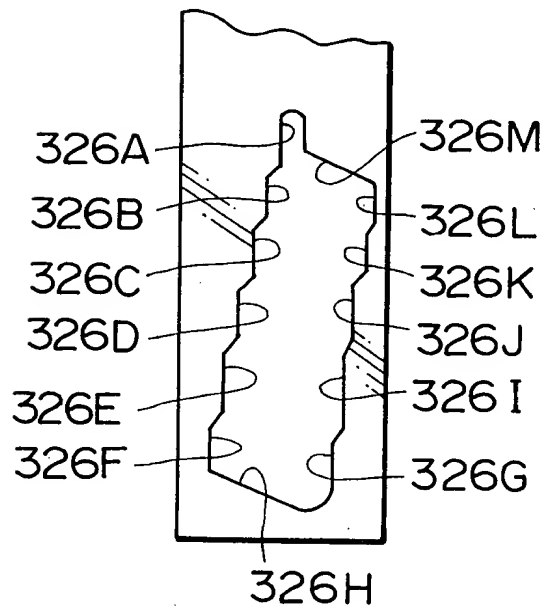
FIG. 16



F I G. 1 7



F I G. 1 8



This block diagram illustrates the internal components of a camera system and their interconnections. At the top, a series of control buttons are shown: a POWER SWITCH (170), a ZOOM CONTROL PART (159), a SHUTTER RELEASE BUTTON (172), and a MACRO BUTTON (152). These buttons are connected to a central CONTROLLER (154). To the left of the controller are memory components: ROM (162) and RAM (164), both connected to the controller. Below the memory is a FOCUSING MECHANISM (166) and a PHOTOMETRY MECHANISM (168), both connected to the controller. The controller is also connected to a SIGNAL DETECTING PART (156) via a bidirectional arrow (154). The signal detecting part is connected to a curved sensor array (140) via a line (150). The sensor array is shown in a cross-sectional view, with a COLLAPSED POSITION indicated. The sensor array is divided into segments labeled Z1, Z2, Z3, Z4, Z5, and Z6. The segments are connected to a common line (148) and a ground line (149). A battery (82) is connected to the ground line. A switch (S) and a motor (M) are also connected to the system. The motor is connected to a component (24) which is connected to the sensor array. The switch is connected to the controller and the sensor array. The diagram also shows a component (136a) and (136b) connected to the sensor array. The entire system is housed in a camera body (146).

FIG. 20

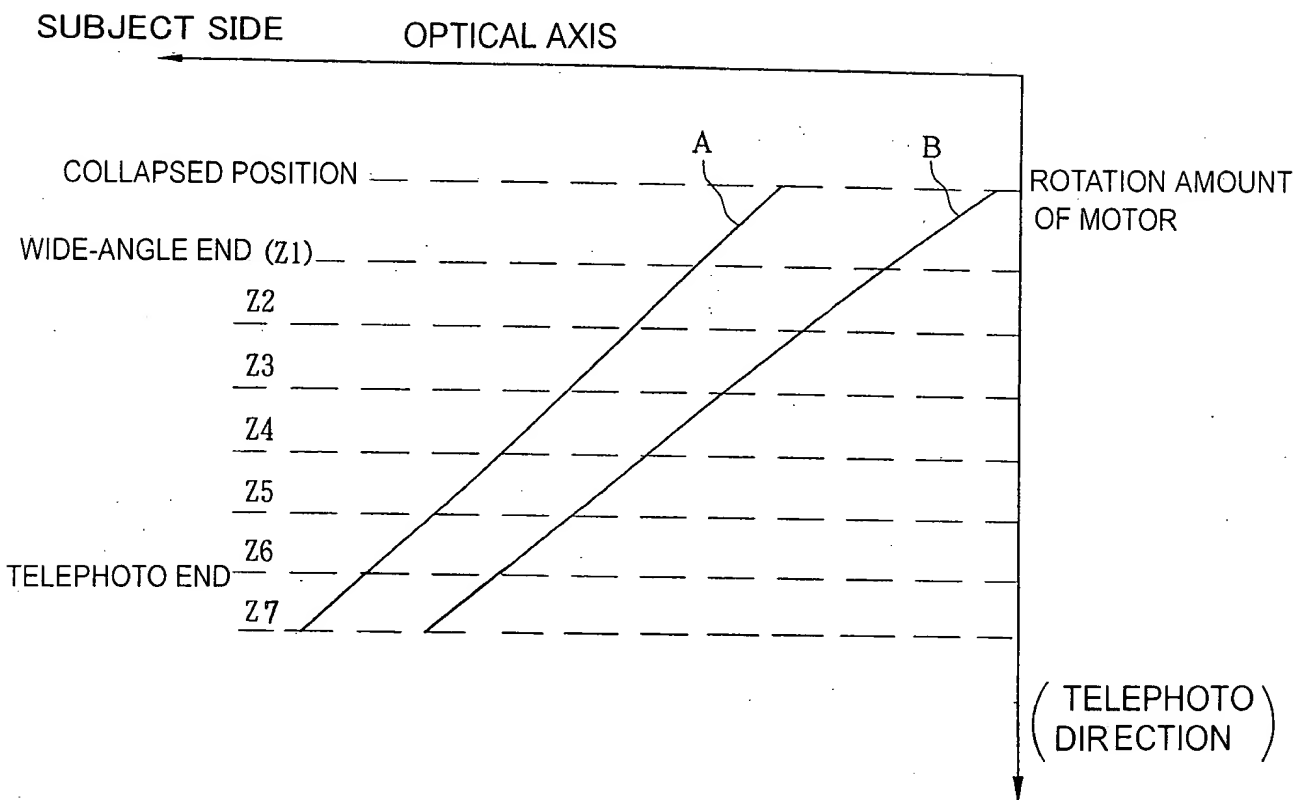


FIG. 21

